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| | | | | Application Number | 09/673,884-Conf. #6983 | |
| IN | IFORMATION | I DI | SCLOSURE | Filing Date | October 23, 2000 | |
| l s | TATEMENT I | 3Y / | APPLICANT | First Named Inventor | Kiyozo ASADA | |
| | <u> </u> | | | Art Unit | 1637 | |
| (Use as many sheets as necessary) | | | s necessary) | Examiner Name | T. E. Strzelecka | |
| Sheet | 1 | of | 1 | Attorney Docket Number | 1422-0443P | |

| U.S. PATENT DOCUMENTS | | | | | | |
|------------------------------|-----|---|------------|--|---|--|
| Examiner Cite Initials* No.1 | | Document Number Publication Date MM-DD-YYYY | | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| | AA* | US-6,008,025-A | 12-28-1999 | Komatsubara et al. | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--------------|---|-----------------------------------|--|---|--|--|
| Examiner Initials* | Cite No.1 | Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (# known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | | |
| | BA | JP-10-42874-A | 02-17-1998 | | | | |

| NON PATENT LITERATURE DOCUMENTS | | | | | | |
|---------------------------------|---|---|--|--|--|--|
| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² | | | | |
| | CA | Cline et al., "PCR fidelity of Pfu DNA polymerase and other thermostable DNA polymerases", Nucleic Acids Research, 1996, Vol. 24, No. 18, pp. 3546-3551. | | | | |
| | СВ | Takagi et al., "Characterization of DNA Polymerase from Pyrococcus sp. Strain KOD1 and Its Application to PCR", Applied and Environmental Microbiology, 1997, Vol. 63, No. 11, pp. 4504-4510. | | | | |
| | СС | Perrino et al., "Hydrolysis of 3'-Terminal Mispairs in Vitro by the 3' \rightarrow 5' Exonuclease of DNA Polymerase ∂ Permits Subsequent Extension by DNA Polymerase α ", Biochemistry, 1990, Vol. 29, pp. 5226-5231. | | | | |
| | CD | Costa et al., "Polishing with T4 or Pfu polymerase increases the efficiency of cloning of PCR fragments", Nucleic Acids Research, 1994, Vol. 22, No. 12, pp. 2423. | | | | |

| Examiner | Date | |
|-----------|------------|--|
| Signature | Considered | |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

